

## Message Text

SECRET

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ACTION SS-25

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EXDIS USCTB

PASS TO DOE

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TAGS: PARM US UK UR  
SUBJECT: CTB NEGOTIATIONS: ISI TECHNICAL WORKING  
SUBGROUP MEETINGS, FEBRUARY 22 AND 24, 1978

CTB MESSAGE NO.152

1. SUMMARY: AT INTERNAL SEISMIC INSTALLATION (ISI)  
TECHNICAL WORKING SUB-GROUP ON FEB 22, TURNBULL (US)  
ANSWERED SOVIET QUESTIONS OF FEB 16 ON ASPECTS OF  
ILLUSTRATIVE LANGUAGE ON ISI. PAPERS COVERING CHARACTER-  
ISTICS OF ISI TO BE AGREED AND JUSTIFICATION FOR  
CHARACTERISTICS WERE ALSO PROVIDED. ON FEB 24, TURNBULL  
PROVIDED US DEL ILLUSTRATIVE LANGUAGE ON ISI SITE  
SELECTION, INSTALLATION, OPERATION, MAINTENANCE, AND  
REPAIR. (TEXT SENT SEPTTEL). END SUMMARY.

2. AT ISI TECHNICAL WORKING GROUP ON FEB 22, US DELEGATION  
PROVIDED ANSWERS TO QUESTIONS ON ILLUSTRATIVE LANGUAGE  
POSED BY SOVIETS ON FEB 16. BY "AGREED DESIGN" OF ISI,  
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US DEL MEANT THAT SEPARATE VERIFICATION AGREEMENT WOULD  
SPECIFY TECHNICAL CHARACTERISTICS WHICH THE INSTALLATIONS  
SHOULD MEET, AND WOULD ESTABLISH MACHINERY FOR REACHING  
AGREEMENT ON FINAL DESIGN CONSISTENT WITH THOSE CHARACTER-  
ISTICS. THE FORM IN WHICH THESE AGREED CHARACTERISTICS  
WOULD BE STATED COULD BE DISCUSSED FURTHER. WE WOULD  
NEED TO AGREE ON INTERIM ARRANGEMENTS TO ENHANCE

CONFIDENCE IN COMPLIANCE UNTIL ISIS WERE FULLY INSTALLED. IN RESPONSE TO QUESTION ON ALTERNATIVE METHOD OF COMMUNICATION WITH ISIS, US DEL REPLY WAS THAT WE BELIEVED INTELSAT MET REQUIREMENTS BEST, BUT WE COULD CONSIDER OTHER ALTERNATIVES WITH COMPARABLE CAPABILITIES. FINALLY IN RESPONSE TO SOFRONOV'S QUESTION ON THE ANNEX LISTING INSTALLATION LOCATIONS, A SAMPLE ENTRY WAS PROVIDED GIVING A LOCATION SPECIFIED TO ONE HUNDREDTH OF A DEGREE. STATION OR REMOTE ARRAY ELEMENTS WOULD BE SITED AT AGREED, TECHNICALLY SUITABLE PLACES WITHIN A SUBSTANTIAL AREA SURROUNDING SUCH LISTED COORDINATES.

3. US DEL ALSO DISTRIBUTED PAPERS DESCRIBING DESIRABLE TECHNICAL CHARACTERISTICS OF STATIONS AND PROVIDING JUSTIFICATION FOR CHARACTERISTICS. AGREEMENT WOULD HAVE TO BE REACHED SUBSEQUENTLY IN THE JCC ON THE FINAL CONFIGURATION OF THE STATION, CONSISTENT WITH THE AGREED CHARACTERISTICS. LIST OF CHARACTERISTICS PROVIDED FOLLOWED DESCRIPTION OF PROTOTYPE STATION ALREADY PROVIDED TO SOVIETS. JUSTIFICATIONS WERE BASED ON BASIC OBJECTIVE OF INCREASING CONFIDENCE IN TREATY COMPLIANCE AND DESCRIBED IN TECHNICAL DETAIL WAYS IN WHICH INTERNAL STATION DESIGN ACCOMPLISHED THIS GOAL.

4. AT FEB 24 MEETING OF ISI WORKING SUB-GROUP, TURNBULL TABLED AND EXPLAINED US DEL ILLUSTRATIVE LANGUAGE (SEPTTEL)  
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ON SITE SELECTION, INSTALLATION, OPERATION, MAINTENANCE, AND REPAIR OF INTERNAL SEISMIC INSTALLATIONS. PHELPS (US) STRESSED THAT, IN KEEPING WITH PREVIOUSLY EXPRESSED SOVIET CONCERNS, COUNTRY IN WHOSE TERRITORY ISIS WERE PLACED WOULD HAVE MAJOR RESPONSIBILITIES FOR INSTALLATION, OPERATION, AND MAINTENANCE. HE EMPHASIZED COOPERATIVE NATURE OF PROPOSALS, PARTICULARLY WITH REGARD TO ASSURING OBJECTIVITY OF DATA. SOFRONOV, IN PRELIMINARY RESPONSE, SAID DOCUMENT SEEMED TO BE AN EXTENSIVE PROGRAM OF ISI COOPERATION RATHER THAN PROVISIONS OF A SEPARATE VERIFICATION AGREEMENT. IN OTHER PRELIMINARY REMARKS, HE SUGGESTED THAT THE DOCUMENT WAS NOT FLEXIBLE ENOUGH, THAT SITES OF EXISTING INSTALLATIONS SHOULD BE USED FOR INTERNAL STATIONS, AND THAT IF ANY NEW SITES WERE REQUIRED, NOISE SURVEYS NEED NOT BE DONE COOPERATIVELY. HE ALSO ASKED HOW COOPERATION TO DEVELOP STATIONS WOULD BE IMPLEMENTED IN CONCRETE TERMS, HOW WE HAD ARRIVED AT NUMBERS OF EXPERTS FOR SITE SELECTION AND INSTALLATION, AND HOW MANY INTERNAL STATIONS WE THOUGHT WOULD BE NECESSARY. TURNBULL GAVE GENERAL RESPONSE ON AREA AND NUMBERS OF EXPERTS BUT DEFERRED OTHER ANSWERS. WARNKE

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## Message Attributes

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